

F I G. 1

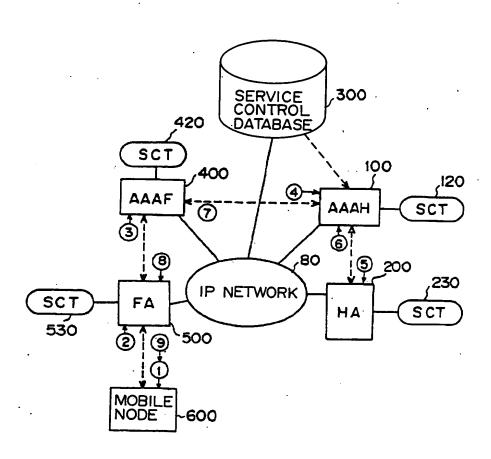
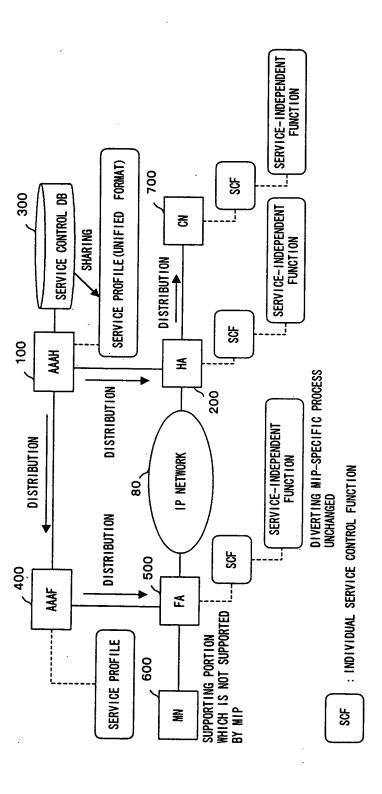
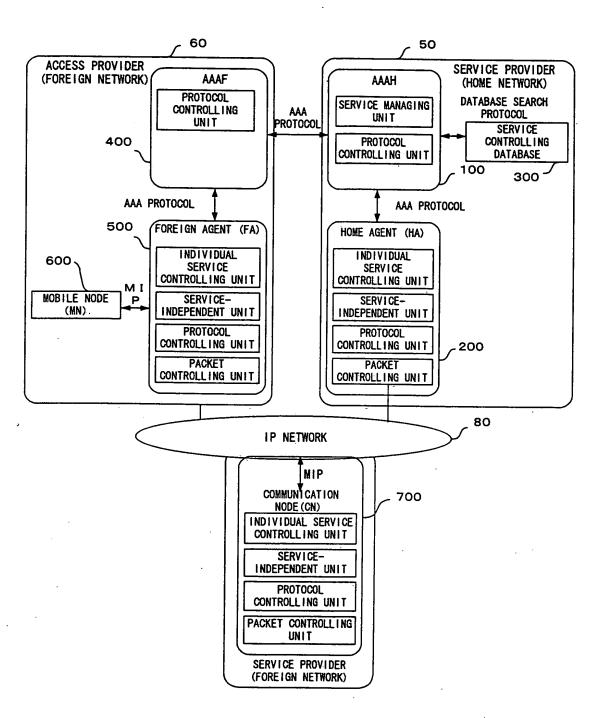


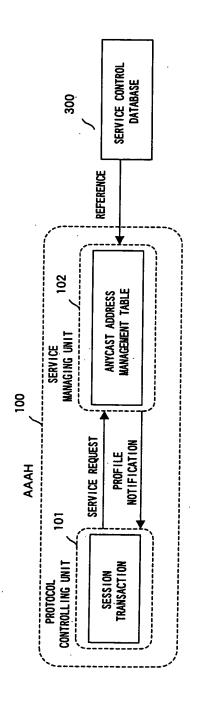
FIG. 2



F I G. 3



F I G. 4



F1G. 5

CONSTITUENT ELENENT	CONTENTS
NA!	USER NAI (NETWORK ACSESS IDENFIFIER)
USER PROFILE	USER NAME, ADDRESS, TELEPHONE NO., ETC.
USER AUTHENTICATION INFORMATION	MN-AAA AUTHENTICATION KEY/USER ID/PASSWORD
SLA (SERVICE LEVEL AGREEMENT))	CONTRACT CONDITION OF SUBSCRIBER
PROFILE FOR INDIVIDUAL SERVICE	PROFILE INFORMATION ABOUT INDIVIDUAL SERVICE SUCH AS DIFF-SERVE, PACKET FILTERING, ANYCAST, MULTICAST, ETC.

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SERVICE CLASS	CONTENTS
CLASS A	GUARANTEEING THAT TRANSMISSION DELAY IS WITHIN ALLOWABLE RANGE.
CLASS B	ADDING TO QUEUE WITH HIGH PRECEDENCE WITHIN RANGE WHERE CLASS A IS NOT INFLUENCED BY DIff-Serv. THIS CLASS MAY BE DIVIDED INTO SEVERAL CLASSES.
CLASS C	BEST EFFORT. ADDING TO QUEUE WITH LOWER PRECEDENCE THAN CLASS B.

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ACCOUNTING METHOD	CONTENTS
FIXED CHARGE	
(FLAT RATE FOR FIXED TIME. EXTRA CHARGE FOR EXCEEDING TIME)	BASIC CHARGE WEIGHTED IN CORRESPONDENCE WITH SERVICE CLASS + UNIT TIME CHARGE WEIGHTED IN CORRESPONDENCE WITH SERVICE CLASS x exceeding time
PACKET-QUANTITY-BASED CHARGE	Σ (UNIT CHARGE WEIGHTED IN CORRESPONDENCE WITH SERVICE CLASS x TOTAL QUANTITY OF UPSTREAM AND DOWNSTREAM PACKETS OF EDGE NODE (FA))

= G. 8

RESTRICTION CONDITION	CONTENTS
AMOUNT OF MONEY	IF CHARGE EXCEEDS AMOUNT OF MONEY SPECIFIED BY USER, WARNING IS ISSUED TO USER, WHO IS MADE TO SELECT WHETHER TO CONTINUE COMMUNICATION
TIME	ACCESS WITHIN TIME PERIOD DURING WHICH COMMUNICATION TRAFFIC VOLUME IS HEAVY ARE PROHIBITED, SO THAT CHEARPER ACCOUNTING SERVICE IS PROVIDED CHANGING A SERVICE CLASS DEPENDING ON THE TIME OF DAY
SERVICE CLASS CHANGE DEPENDING ON PACKET TYPE	SERVICE CLASS CHANGE DEPENDING ON SPECIFYING SERVICE CLASS ACCORDING TO APPLICTION TYPE PACKET TYPE
ROAMING	EXTRA CHARGE DUE TO PERMISSION OF ROAMING SERVICE OR CHARGE DISCOUNT DUE TO PROHIBITION OF ROAMING SERVICE

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Diff-Serv	CONDITIONAL EXPRESSION (SIMILAR TO POLICY ESCRIPTION LANGUAGE)		ANSMITTING FROM MIN RECEIVING BY MIN	ADDRESS WHEN BEING ONAL EXPRESSION	TRANSMISSION SOURCE PORT NUMBER WHEN BEING PECIFIED BY CONDITIONAL EXPRESSION
	CONDITIONAL EXPRESSI DESCRIPTION LANGUAGE)	CLASS A CLASS B CLASS C	UPSTREAM: PACKET TRANSMITTING FROM MN DOWNSTREAM: PACKET RECEIVING BY MN	TRANSMISSION SOURCE ADDRESS WHEN BEING SPECIFIED BY CONDITIONAL EXPRESSION	TRANSMISSION SOURCE PORT NUMBER WHI
SERVICE TYPE	Diff-Serv APPLICATION POLICY	INFURMATION (MULTIPLE ITEMS SERVICE APPLIED CLASS PERMITTED)	IDENTIFICATION BETWEEN UPSTREAM AND DOWNSTREAM	IP ADDRESS	PORT NUMBER
	ADDITIONAL	INFURMATION (MULTIPLE ITENS PERMITTED)	***		

FIG. 10

	SERVICE TYPE	ANYCAST
ADDITIONAL INFORMATION	ADDRESS SELECTION POLICY	CONDITIONAL EXPRESSION (SIMILAR TO POLICY DESCRIPTION LANGUAGE)
	ANYCAST ADDRESS	ADDRESS TO WHICH ANYCAST SERVICE IS APPLIED

CONFIGURATION RESULT	DETAILED CONFIGURATION INFORMATION	DESCRIPTION
PROFILE IDENTIFIER	SESSION IDENTIFIER	SESSION ID
	PROFILE NUMBER	VALUE UNIQUELY ASSIGNED TO EACH SESSION
TARGET PACKET CONTROL	SOURCE ADDRESS	PACKET TRANSMISSION SOURCE ADDRESS
INFORMATION	SOURCE PORT NUMBER	PACKET TRANSMISSION SOURCE PORT NUMBER
	DESTINATION ADDRESS	PACKET RECEPTION DESTINATION ADDRESS
	DESTINATION PORT NUMBER	PACKET RECEPTION DESTINATION PORT NUMBER
011 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1	ENCAPSULATION (ENCRYPTION) METHOD	TRANSFER PACKET ENCAPSULATION METHOD
KŲUI ĮNŲ PAUKEI EDIIING INFORMATION	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	PACKET TRANSFER DESTINATION ADDRESS
	108	TOS VALUE ASSIGNED TO PACKET
	DECAPSULATION INSTRUCTION	DECAPSULATION REQUEST
INDIVIDUAL CONTROL	SERVICE CONTROL TYPE	CONTROL TABLE TO BE SEARCHED NEXT SERVICE PROFILE CACHE BINDING CACHE MIP HOME (MOBILITY BINDING) MIP FOREIGN (VISITOR LIST) ANYCAST TABLE (EXTENDED VISITOR LIST) ROUTING TABLE.
	CONTROL INFORMATION IDENTIFIER	REFERENCE IDENTIFIER OF INDIVIDUAL CONTROL TALBLE

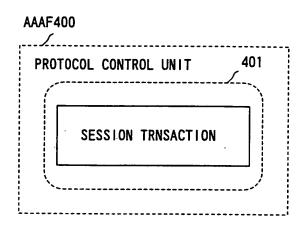
F1G. 12

	ANYCAST ADDRESS	
NAI	HOME ADDRESS	TERMINAL STATE
••	•	••

F I G. 13

CONSTITUENT ELEMENT	DESCRIPTION
SESSION ID	NAI OF MAN/32-BIT VALUE/OPTION
HA ADDRESS	HĄ ADDRESS SPECIFIED BY AAAH
ADDRESS OF AAAF SPCIFYING HA	ADDRESS OF AAAF SPCIFYING HA ADDRESS OF AAAF THAT AAAH REQUESTS TO SPECIFY HA
CURRENT AAAF ADDRESS	ADDRESS OF AAAF WHICH REQUESTS AMR
SECURITY INFORMATION	INFORMATION FOR AUTHENTICATING RELATIONSHIP BETWEEN HA AND AAAF
SESSION TIMER	VALID TIME PERIOD OF THIS TRANSACTION
FA SERVICE PROFILE	SEE FIG. 12
HA SERVICE PROFILE	SEE F1G. 12

F I G. 14



F I G. 15

CONSTITUENT ELEMENT	DESCRIPTION
SESSION ID	<nai mn="" of=""><32-BIT VALUE><0PTION></nai>
AAAH ADDRESS	AAAH ADDRESS IDENTIFIED BY NAI OF MN
HA ADDRESS	HA ADDRESS SPECIFIED BY AAAF
PREVIOUS FA-NA!	NA! OF PREVIOUS FA WHEN MN MOVES TO NEW FA
CURRENT FA-NAI	NA! OF FA TO WHICH MN IS CURRENTLY CONNECTING
SECURITY INFORMATION	INFORMATION FOR AUTHENTICATING RELATIONSHIP BETWEEN FA, AAAH, AND HA (WHEN BEING SPECIFIED BY AAAF)
SESSION TIMER	VALID TIME PERIOD OF THIS TRANSACTION
FA SERVICE PROFILE	SEE FIG. 12
HA SERVICE PROFILE	SEE F1G. 12
STATE	WAITING TO BE PROCESSED, HA IS BEING REQUESTED, AMA IS BEING PROCESSED

F I G. 16

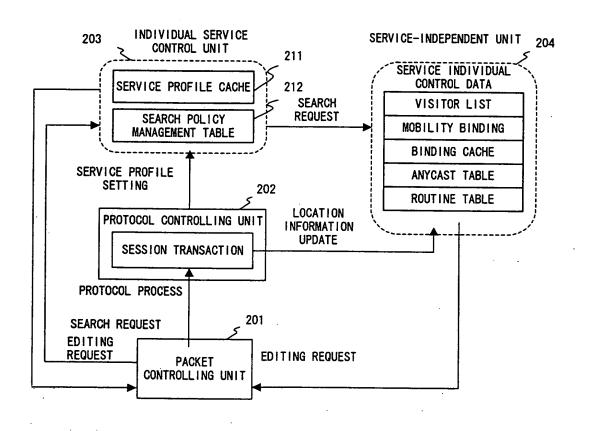


FIG. 17

CONSTITUENT ELEMENT	DESCRIPTION
SESSION ID	<pre><na! mnx32-bitxoption="" of=""></na!></pre>
SESSION TIMER	VALID TIME PERIOD OF THIS TRANSACTION

F G. 18

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DESCRIPTION	SERVICE PROFILES SET FOR WHICH SOURCE INFORMATION OF DATA PACKET GENERATED BY MOBILE NODE FROM STATIC INFORMATION STORED ONTO HD, ETC. OF NETWORK DEVICE AT THE TIME OF INITIAL CONFIGURATION IS USED AS SEARCH CONDITION. MAINLY USED TO PERFORM USER-INDEPENDENT COMMON SERVICE CONTROL	SERVICE PROFILE APPLIED WHEN THERE IS MATCH OF ANY OF SERVICE PROFILES IN NSPCsrc, AND NO MATCH IN INDIVIDUAL CONTROL TABLE	SERVICE PROFILE SET FOR WHICH DESTINATION INFORMATION OF DATA PACKET GENERATED BY MOBILE AGENT FROM STATIC INFORMATION STORED ONTO HD, ETC. OF NETWORK DEVICE AT THE TIME OF INITIAL CONFIGURATION IS USED AS SEARCH CONDITION MAINLY USED TO PERFORM USER-INDEPENDENT COMMON SERVICE CONTROL	SERVICE PROFILE APPLIED WHEN THERE IS MATCH OF ANY OF SERVICE PROFILES IN NSPCdsp, AND NO MATCH IN INDIVIDUAL CONTROL TABLE	SERVICE PROFILE FOR SEARCHING CONTROL TABLE SPECIFIC TO NETWORK DEVICE WHEN THERE IS NO MATCH OF ANY SERVICE PROFILES	USER-SPECIFIC SERVICE PROFILE SET FOR WHICH SOURCE INFORMATION OF DATA PACKET NOTIFIED FROM AAA SYSTEM WHEN MN LOGS IN NETWORK IS USED AS SEARCH CONDITION	USER-SPECIFIC SERVICE PROFILE SET FOR WHICH DESTINATION INFORMATION OF DATA PACKET NOTIFIED FROM AAA SYSTEM WHEN MN LOGS IN NETWORK IS USED AS SEARCH CONDITION	SEANCE CONDITION
LE CACHE	SOURCE SPC (NSPCsrc)	SOURCE DEFAULT SP (NDSPsrc)	DESTINATION SPC (NSPCdst)	DESTINATION DEFAULT SP (NDSPdst)	DEFAULT SP (NDSP)	SOURCE SPC (ASPCsrc)	DESTINATION SPC (ASPCds+)	(Aol vuo t.)
SERVICE PROFIL	NODE SPC NSPC)						AAA- NOTIFIED SPC(ASPC)	יא וטראט וט
	SPC						·	

F1G. 19

NEXT SEARCH PROCESS	NORMAL END	ABNORMAL END	NSPCsrc SEARCH	NORMAL END	NDSPsrc REFERENCE	ASPCdst SEARCH	NORMAL END	ABNORMAL END	NSPCdst SEARCH	NORMAL END	NSPCdst SEARCH	NDSP REFERENCE	NORMAL END	ABNORMAL END
INDIVIDUAL CONTROL DATA SEARCH RESULT	MATCH	MISMATCH		MATCH	MISMATCH		MATCH	MISMATCH		MATCH	MISMATCH		MATCH	MISMATCH
CACHE SEARCH RESULT	MATCH		MISMATCH	MATCH		MISMATCH	MATCH	٠	MISMATCH	MATCH		MISMATCH	MATCH	
CACHE SEARCHED	ASPCsrc	-		NSPCsrc			ASPCdst			NSPCdst	-		NDSP	
PROCEDUAL STEP	-			2			3	-		4			2	

FIG. 20

CONSTITUENT ELEMENT	DESCRIPTION
IP TRANSMISSION SOURCE ADDRESS (HOME ADDRESS)	MN HOME ADDRESS NOTIFIED BY REGISTRATION REQUEST OR AMA
MN LINK LAYER SOURCE ADDRESS	LINK LAYER (MAC) ADDRESS OF MN
UDP TRANSMISSION SOURCE PORT	UDP SOURCE PORT OF MN
HOME AGENT ADDRESS	ADDRESS OF HA WHICH FORWARDS REGISTRATION REQUEST. NOTIFIED BY REGISTRATION REQUEST OR AMA
REGISTRATION REQUEST IDENTIFIER FIELD	IDENTIFIER FOR MAKING CORRESPONDENCE BETWEEN REQUEST AND REPLY
LIFETIME	VALID TIME PERIOD OF REGISTRATION REQUEST
AUTHENTICATION INFORMATION	AUTHENTICATION INFORMATION ACCORDING TO WHICH FA AUTHENTICATES MN

- I G. 2

CONSTITUENT ELEMENT	DESCRIPTION
HOME ADDRESS	HOME ADDRESS ASSIGNED TO MN
CARE-OF ADDRESS OF MOBILE NODE	IP ADDRESS OF FA TO WHICH MN IS CURRENTLY CONNECTED
IDENTIFIER FILED OF REGISTRATION REQUEST	IDENTIFIER FOR MAKING CORRESPONDENCE BETWEEN REQUEST AND REPLY
LIFETIME	VALID TIME PERIOD OF REGISTRATION REQUEST
AUTHENTICATION INFORMATION	INFORMATION ACCORDING TO WHICH FA AUTHENTICATES MN

F1G. 22

	,					
SOURCE ADDRESS	SOURCE PORT	DESTINATION ADDRESS	DESTINATION PORT	ENCAPSULATION	DESTINATION ENCAPSULATION CARE-OF ADDRESS	108
111. 100. 100. 101	•	222. 200. 100. 123		××	333. 300, 100. 0	×
		222. 200. 100. 133		×	333. 300. 100. 0	*

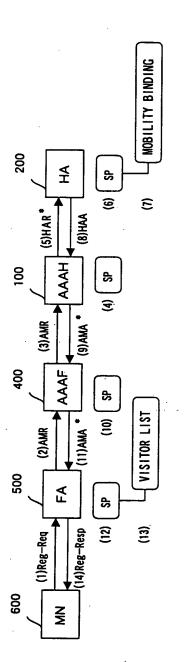
F1 G. 23

CONSTITUENT ELEMENT	DESCRIPTION
IP PROXY ADDRESS	HOME ADDRESS OF MN
IP SOURCE ADDRESS	ANYCAST ADDRESS
LINK LAYER SOURCE ADDRESS	MAC ADDRESS OF MN
UDP SOURCE PORT	UDP SOURCE PORT OF MIN
HOME AGENT ADDRESS	ADDRESS OF HOME AGENT HAVING HOME ADDRESS OF MN
ADDRESS PROXY ADDRESS	ADDRESS OF ADDRESS PROXY HAVING ANYCAST ADDRESS
IDENTIFIER FIELD OF REGISTRATION REQUEST	IDENTIFIER FOR MAKING CORRESPONDENCE BETWEEN REQUEST AND REPLY
LIFETIME	REGISTRATION TIME PERIOD

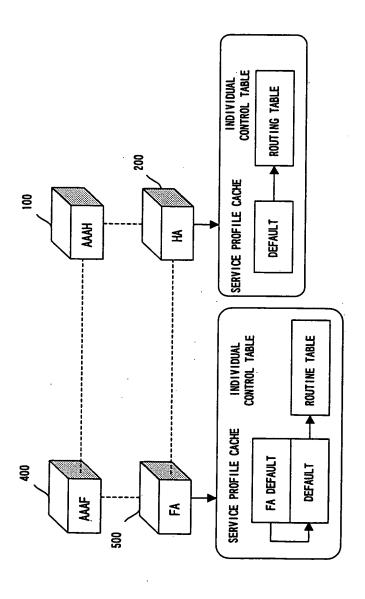
FIG. 24

DESTINATION ADDRESS	NEXT HOP ADDRESS
111. 2. 2. 2	111.100.100.0
222. *. *. *	222. 200. 200. 0
333. ‡. ‡. ‡	333. 300. 300. 0

FIG. 25



· I G. 26



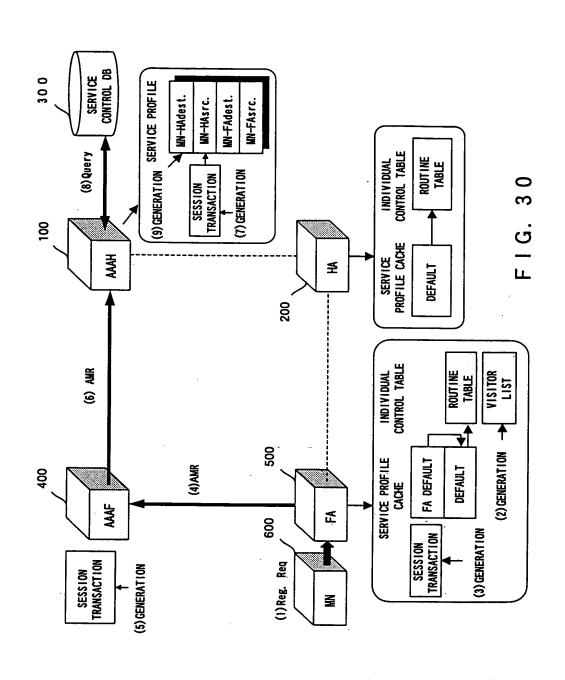
F1G. 27

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SET VALUE	*	*	*	*	*	*	*	NOT GIVEN	ROUTING TABLE
DETAILED CONFIGURATION INFORMATION	SOURCE ADDRESS	SOURCE PORT NUMBER	DESTINATION ADDRESS	DESTINATION PORT NUMBER	ENCAPSULATION (ENCRYPTION) METHOD	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	108	DECAPSULATION INSTRUCTION	NEST SERVICE CONTROL TYPE
CONSTITUENT INFORMATION	TARGET PACKET CONTROL	NO I I VINCENTI			ROUTINE/PACKET EDITING	INFORMATION	-		INDIVIDUAL CONTROL INFORMATION
	2 8 A	;)					-		
	F1G. 28A	;							

ſ		T	_	7	Τ.	_		_	_	
	SET VALUE	*	*	IP ADDRESS OF FA (CARE-OF ADDRESS)	*	*	*	*	GIVEN	SERVICE PROFILE CACHE
	DETAILED CONFIGURATION INFORMATION	SOURCE ADDRESS	SOURCE PORT NUMBER	DESTINATION ADDRESS	DESTINATION PORT NUMBER	ENCAPSULATION (ENCRYPTION) METHOD	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	108	DECAPSULATION INSTRUCTION	NEST SERVICE CONTROL TYPE
	CONSTITUENT INFORMATION	TARGET PACKET CONTROL	INFORMATION			ROUTINE/PACKET EDITING	INFORMATION			INDIVIDUAL CONTROL
		7 2 2 B	, ,							·
		н -	; - -							
				•						

CONSTITUENT INFORMATION	DETAILED CONFIGURATION INFORMATION	SET VALUE
TARGET PACKET CONTROL	SOURCE ADDRESS	*
INCOMMA LON	SOURCE PORT NUMBER	*
	DESTINATION ADDRESS	*
	DESTINATION PORT NUMBER	*
PORITING/DACKET EDITING	ENCAPSULATION (ENCRYPTION) METHOD	*
INFORMATION	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	*
	108	*
-	DECAPSULATION INSTRUCTION	NOT GIVEN
INDIVIDUAL CONTROL INFORMATION	NEXT SERVICE CONTROL TYPE	ROUTING TABLE

FIG. 29



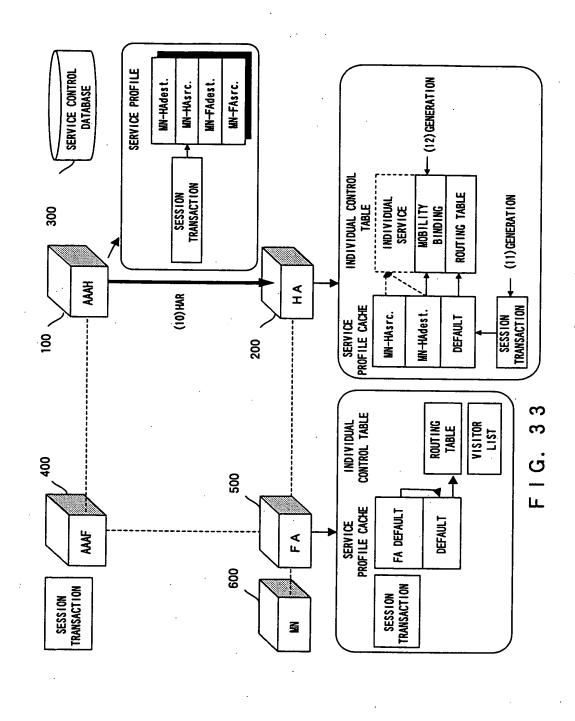
CONFIGURATION INFORMATION	DETAILED CONFIGURATION INFORMATION	SET VALIE
		טרון זערטר
TARGET PACKET CONTROL	SOURCE ADDRESS	*
NFORMATION	SOURCE PORT NUMBER	*
	DESTINATION ADDRESS	HOME ADDRESS OF MIN
	DESTINATION PORT NUMBER	PORT NUMBER OF MN (OPTION)
BOILTINE /PACKET EDITING	ENCAPSULATION (ENCRYPTION) METHOD	*
NFORMATION	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	*
	т08	SPECIFIED AT THE TIME OF Diff- Serv EXECUTION
	DECAPSULATION INSTRUCTION	NOT GIVEN
INDIVIDUAL CONTROL NFORMAȚION	NEXT SERVICE CONTROL TYPE	MOBILITY BINDING
	TARGET PACKET CONTROL TARGET PACKET CONTROL NFORMATION INDIVIDUAL CONTROL NFORMATION	TING

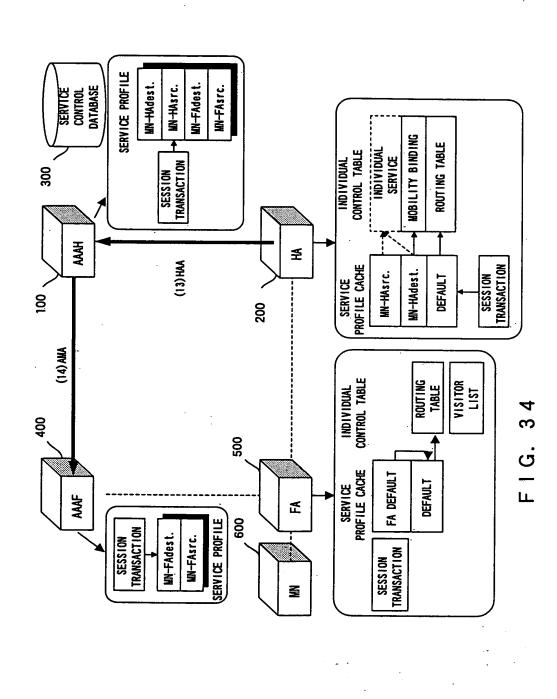
	CONFIGURATION INFORMATION	DETAILED CONFIGURATION INFORMATION	SET VALUE
	TARGET PACKET CONTROL	TRANSMISSION SOURCE ADDRESS	HOME ADDRESS OF CN
	INFORMATION	TRANSMISSION SOURCE PORT NUMBER	PORT NUMBER OF CN (OPTION)
		RECEPTION DESTINATION ADDRESS	*
α		RECEPTION DESTINATION PORT NUMBER	*
)	ROUTINE/PACKET EDITING	ENCAPSULATION (ENCRYPTION) METHOD	*
	INFORMATION	TRANSFER DESTINATION ADDRESS	"0" IS SPECIFIED AT THE TIME OF
		(MULTIPLE ADDRESSES SPECIFIABLE)	PACKET FILTERING
		тоя	*
		DECAPSULATION INSTRUCTION	NOT GIVEN
	INDIVIDUAL CONTROL	NEXT SERVICE CONTROL TYPE	*

FIG. 31

_	CONFIGURATION INFORMATION	DETAILED CONFIGURATION INFORMATION	SET VALUE
3 2 4	TARGET PACKET CONTROL	SOURCE ADDRESS	*
7	INTURNALION	SOURCE PORT NUMBER	*
		DESTINATION ADDRESS	HOME ADDRESS OF MN
		DESTINATION PORT NUMBER	PORT NUMBER OF MN (OPTION)
	ROUTINE/PACKET EDITING	ENCAPSULATION (ENCRYPTION) METHOD	*
		TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	*
		T0S	*
		DECAPSULATION INSTRUCTION	NOT GIVEN
	INDIVIDUAL CONTROL INFORMATION	NEXT SERVICE CONTROL TYPE	VISITOR LIST

SET VALUE HOME ADDRESS OF MN PORT NUMBER OF MN (OPTION) * * * SPECIFIED AT THE TIME OF Diff- Serv EXECUTION (OPTION) NOT GIVEN
DETAILED CONFIRMATION INFORMATION SOURCE ADDRESS SOURCE PORT NUMBER DESTINATION ADDRESS DESTINATION (ENCRYPTION) METHOD TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE) TOS DECAPSULATION INSTRUCTION
CONFIGURATION INFORMATION TARGET PACKET CONTROL INFORMATION INFORMATION INFORMATION
3 2 B
<u>ਯ</u> –





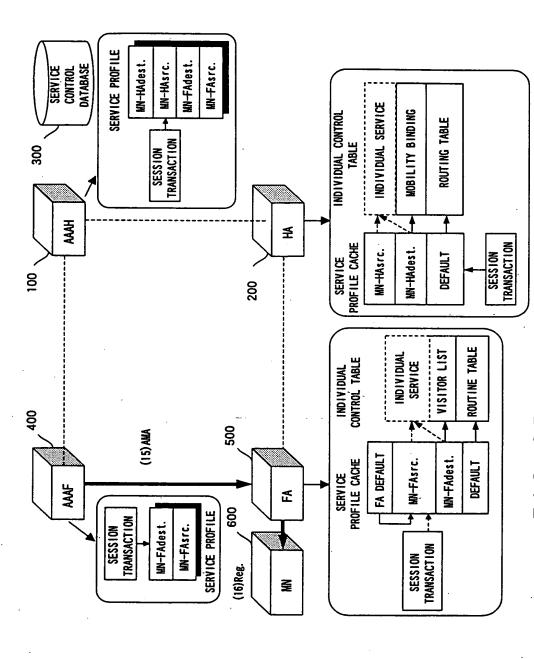
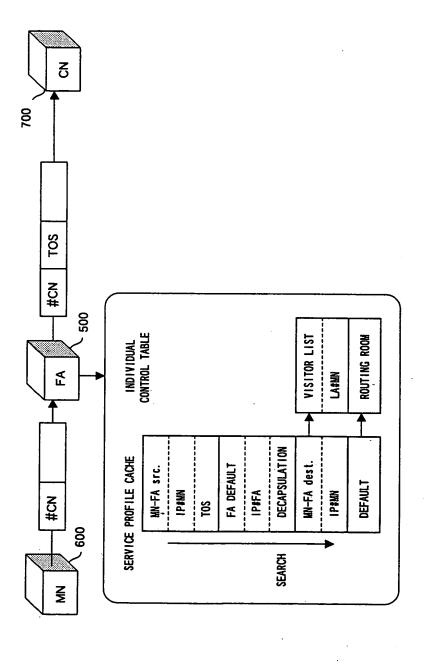


FIG. 35



F1G. 36

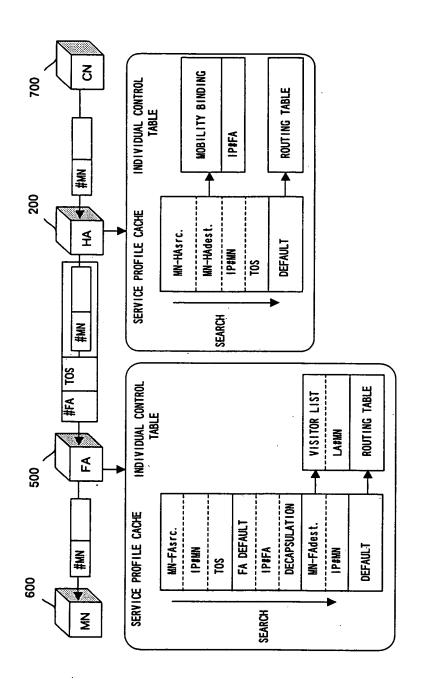


FIG. 37

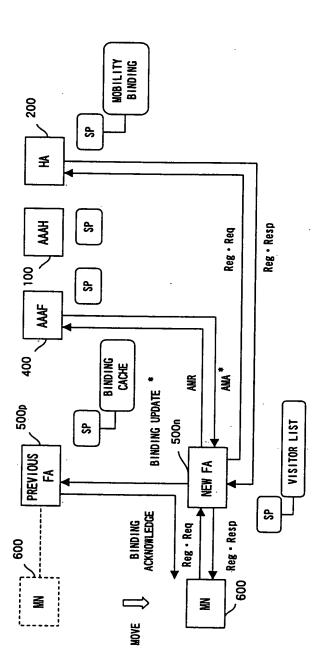
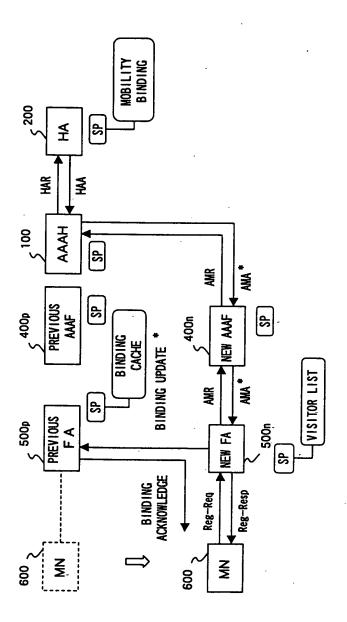
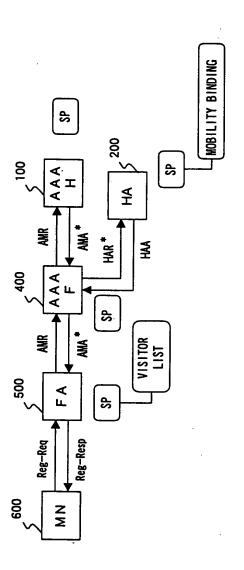


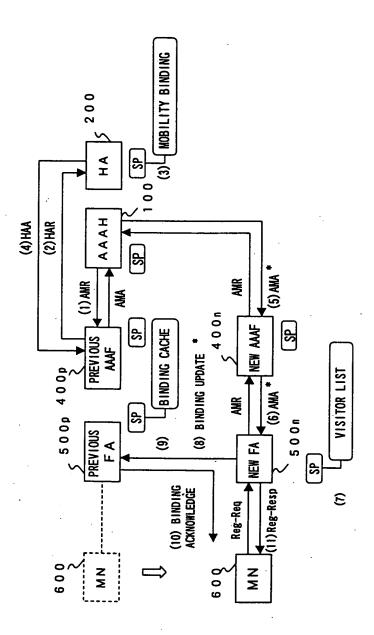
FIG. 38



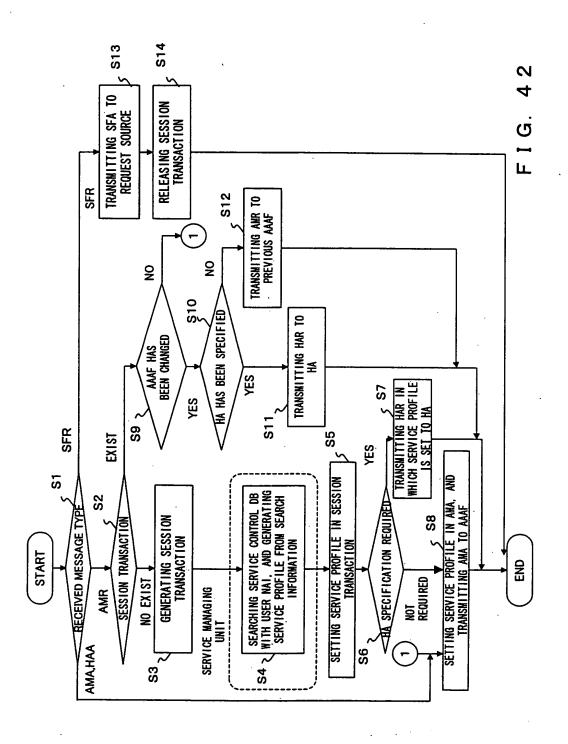
: I G. 39

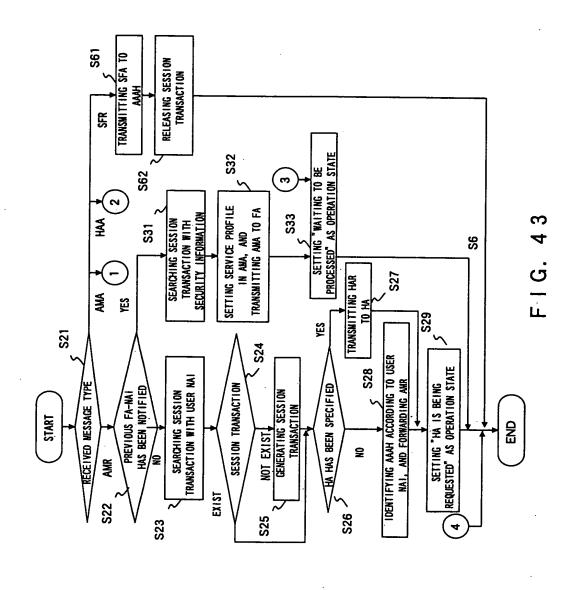


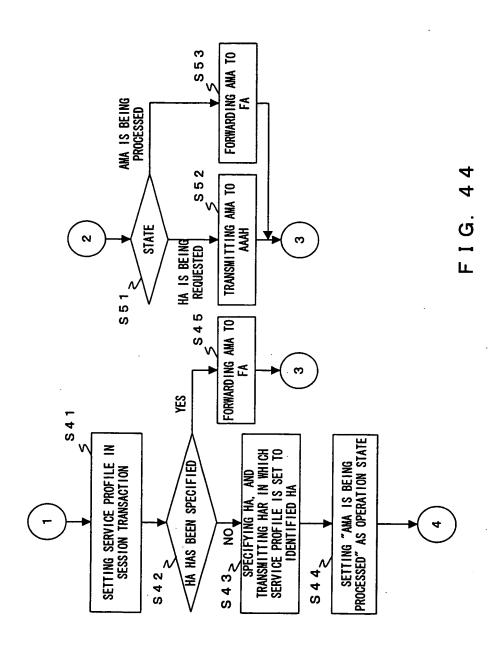
F I G. 40

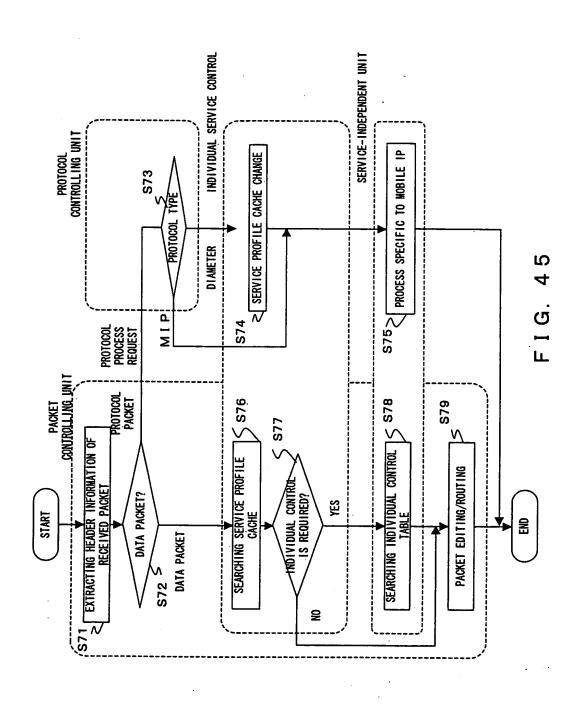


- G. 4







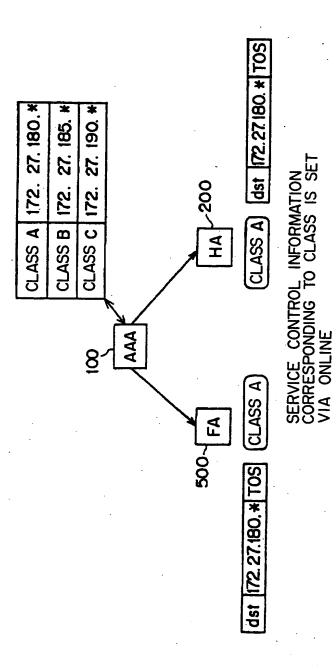


INDIVIDUAL CONTROL TABLE			BINDING	ABLE	ABLE		·
INDIVIDU			MOBILITY BINDING	ROUTING TABLE	ROUTING TABLE		
SEARCH INFORMATION			HA SEGMENT ADDRESS	ALL	ALL		
LE CACHE	SOURCE SPC (NSPCsrc)	SOURCE DEFAULT SP (NDSPsrc)	DESTINATION SPC (NSPCdst)	DESTINATION DEFAULT SP (NDSPdst)	DEFAULT SP (NDSP)	SOURCE SPC (ASPCsrc)	DESTINATION SPC (ASPCdst)
SERVICE PROFILE CACHE	INDIVIDUAL NODE SPC	(NSPC)				AAA-NOTIFIED SPC	(ASPC)
	SPC					<u>. </u>	

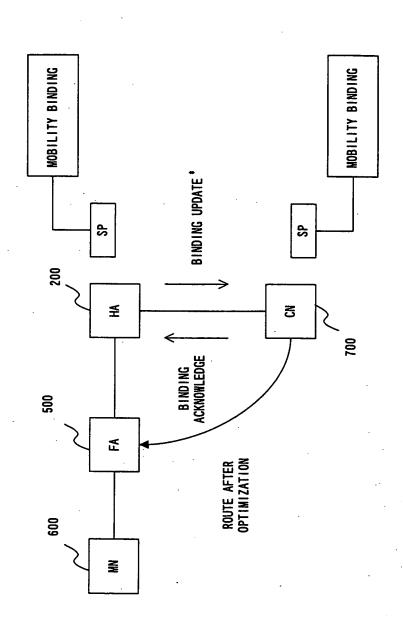
F | G. 46

INDIVIDUAL CONTROL TABLE			SERVICE PROFILE CACHE		3		
INDIVIDUAL			SERVICE PRO	VISITOR LIST	ROUTING TABLE		
SEARCH INFORMATION			CARE-OF ADDRESS (DECAPSULATION AT THE TIME OF HIT)	ארר	ALL		
LE CACHE	SOURCE SPC (NSPCsrc)	SOURCE DEFAULT SP (NDSPsrc)	DESTINATION SPC (NSPCdst)	DESTINATION DEFAULT SP (NDSPdst)	DEFAULT SP (NDSP)	SOURCE SPC (ASPCsrc)	DESTINATION SPC (ASPCdst)
SERVICE PROFILE CACHE	INDIVIDUAL	(NSPC)	·			AAA-NOT IF IED SPC	(ASPC)
	SPC						

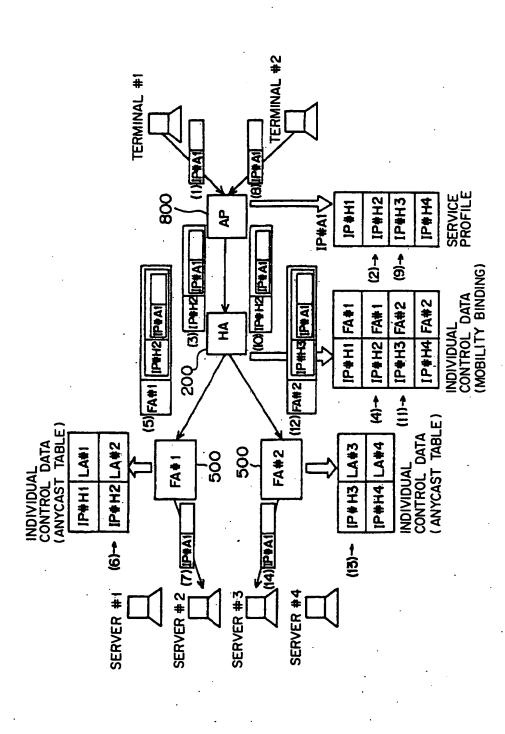
F1G. 47



F16. 48



F I G. 49



F16. 50

CONSTITUENT ELEMENT	DETAILED CONFIGURATION INFORMATION	SET VALUE
TARGET PACKET CONTROL	SOURCE ADDRESS	*
INFORMALION	SOURCE PORT NUMBER	*
	DESTINATION ADDRESS	ANYCAST ADDRESS
	DESTINATION PORT NUMBER	*
ROUTING/PACKET EDITING INFORMATION	ENCAPSULATION (ENCRYPTION) METHOD	I P in I P
	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	HOME ADDRESS 1 OF MN
		HOME ADDRESS 2 OF MIN
	TOS	SPECIFIED WHEN Diff-Serv 1S ALSO USED
	DECAPSULATION INSTRUCTION	NOT GIVEN
INDIVIDUAL CONTROL INFORMATION	NEXT SERVICE CONTROL TYPE	*

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CONSTITUENT ELEMENT	DETAILED CONFIGURATION INFORMATION	SET VALUE
TARGET PACKET CONTROL	SOURCE ADDRESS	*
INFORMALION	SOURCE PORT NUMBER	*
	DESTINATION ADDRESS	HOME ADDRESS OF MIN
	DESTINATION PORT NUMBER	*
ROUTING/PACKET EDITING	ENCAPSULATION (ENCRYPTION) METHOD	*
INFORMALION	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	*
	TOS	SPECIFIED WHEN Diff-Serv 1S ALSO USED
	DECAPSULATION INSTRUCTION	NOT GIVEN
INDIVIDUAL CONTROL INFORMATION	NEXT SERVICE CONTROL TYPE	MOBILITY BINDING

FIG. 52

CONSTITUENT ELEMENT	DETAILED CONFIGURATION INFORMATION	SET VALUE
TARGET PACKET CONTROL	Source address	*
INFORMATION	SOURCE PORT NUMBER	*
	DESTINATION ADDRESS	HOME ADDRESS OF MN
	DESTINATION PORT NUMBER	*
ROUTING/PACKET EDITING	ENCAPSULATION (ENCRYPTION) METHOD	*
INFORMALION	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	*
	тоѕ	*
-	DECAPSULATION INSTRUCTION	NOT GIVEN
INDIVIDUAL CONTROL INFORMATION	NEXT SERVICE CONTROL TYPE	ANYCAST

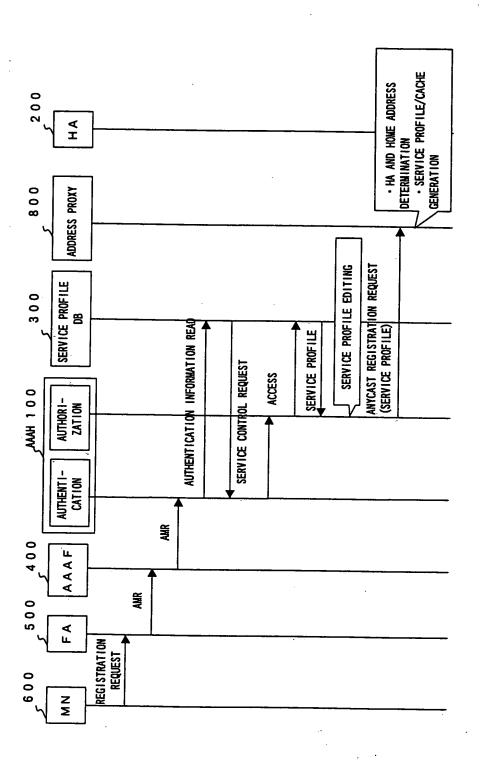
F1G. 53

CONSTITUENT ELEMENT	DETAILED CONFIGURATION INFORMATION	SET VALUE
TARGET PACKET CONTROL	SOURCE ADDRESS	*
INFORMALION	SOURCE PORT NUMBER	*
	DESTINATION ADDRESS	CARE-OF ADDRESS OF FA ITSELF
	DESTINATION PORT NUMBER	*
ROUTING/PACKET EDITING	ENCAPSULATION (ENCRYPTION) METHOD	*
INFORMALION	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	*
	TOS	*
	DECAPSULATION INSTRUCTION	GIVEN
INDIVIDUAL CONTROL INFORMATION	NEXT SERVICE CONTROL TYPE	SERVICE CACHE

-1G. 54

SET VALUE	*	*	HOME ADDRESS OF MN	*	*	*	*	NOT GIVEN	VISITOR LIST
DETAILED CONFIGURATION INFORMATION	SOURCE ADDRESS	SOURCE PORT NUMBER	DESTINATION ADDRESS	DESTINATION PORT NUMBER	ENCAPSULATION (ENCRYPTION) METHOD	TRANSFER DESTINATION ADDRESS (MULTIPLE ADDRESSES SPECIFIABLE)	тоѕ	DECAPSULATION INSTRUCTION	NEXT SERVICE CONTROL TYPE
CONSTITUENT ELEMENT	TARGET PACKET CONTROL	INFORMALION	140		ROUTING/PACKET EDITING	INFURMALIUN			INDIVIDUAL CONTROL INFORMATION

F1G. 55



F1G. 56

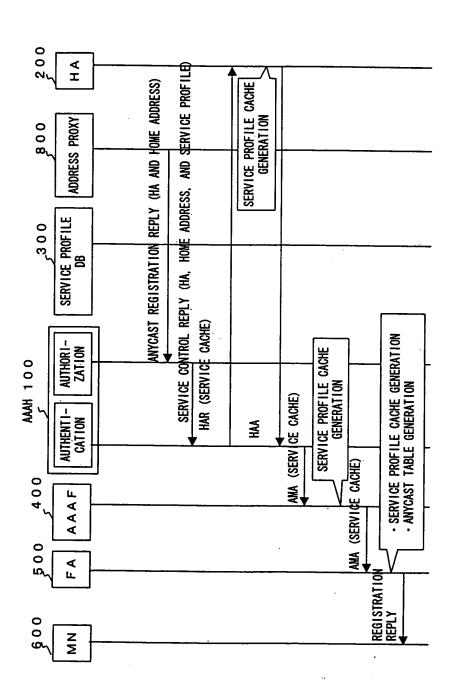
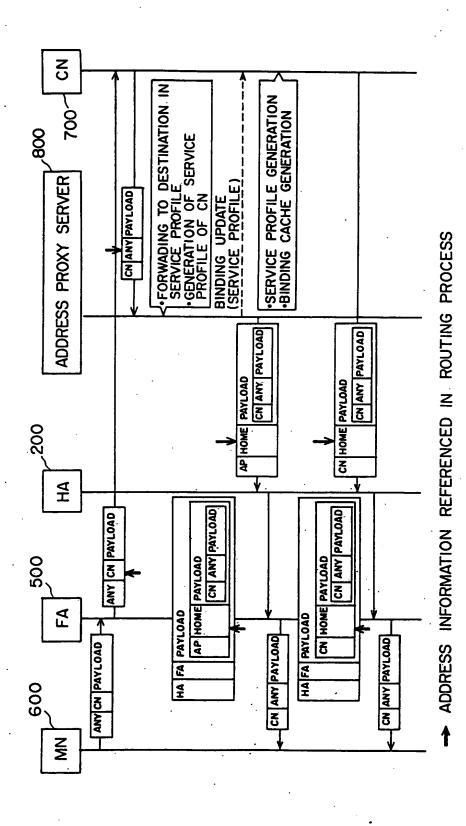


FIG. 57



F1G. 58

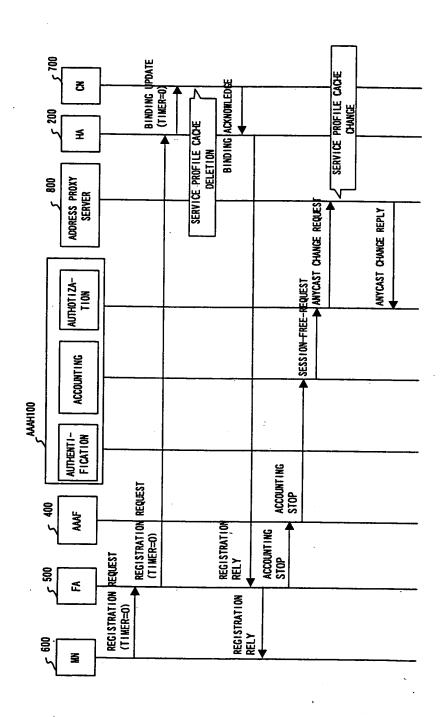


FIG. 59

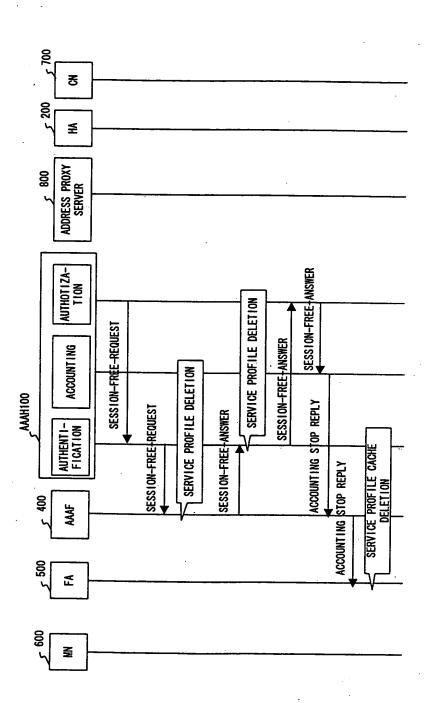
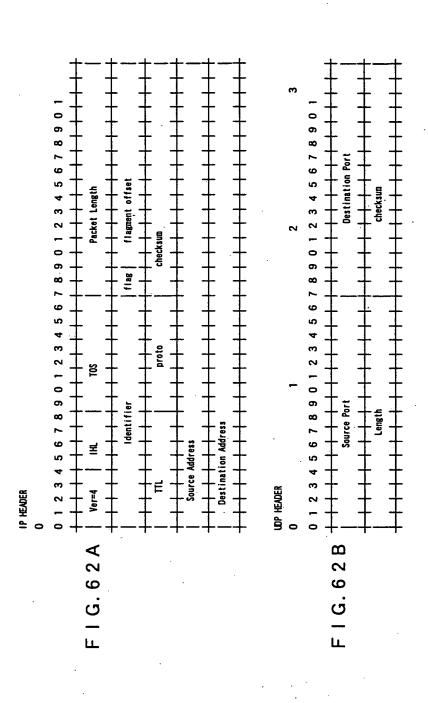


FIG. 60

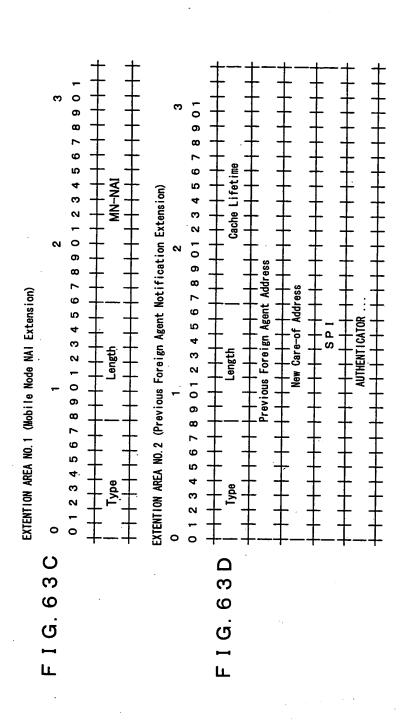
[MOBILE-IP MESSAGE]

IP UDP MOBILE-IP HEADER HEADER HEADER	EXTENSION AREA OF MOBILE-IP
--	-----------------------------



BETWEEN MOBILE NODE AND FOREIGN AGENT (CONFIGURATION OF Mobile-IP REGISTRATION REQUEST MESSAGE)

MESSAGE Registration Request Wobile Node NAI Extension Previous Foreign Agent Notification Extension	Type Type
F I G. 63A	Б. 6 3 В
ဟ	φ
5	<u> </u>
-	

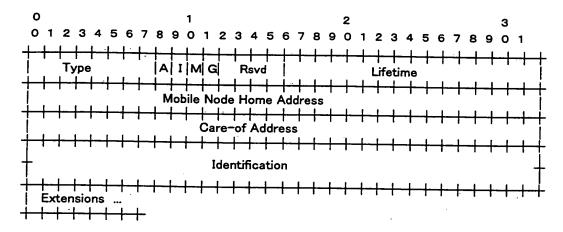


BETWEEN MOBILE NODE AND FOREIGN AGENT (CONFIGURATION OF Mobile-IP REGISTRATION REQUEST MESSAGE)

01234567890123456789012345678901 < Mobile Node NAI Extension > < Rrgistration Reply > Identification Home Address Home Agent Registration Reply FORMAT F I G. 64 A F I G. 64B

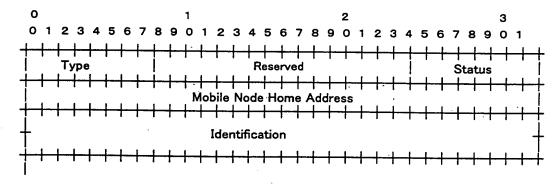
Extensions

Binding Update FORMAT



F I G. 65

Binding Acknowledge FORMAT

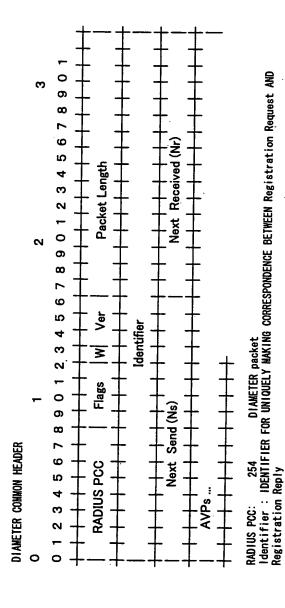


F I G. 66

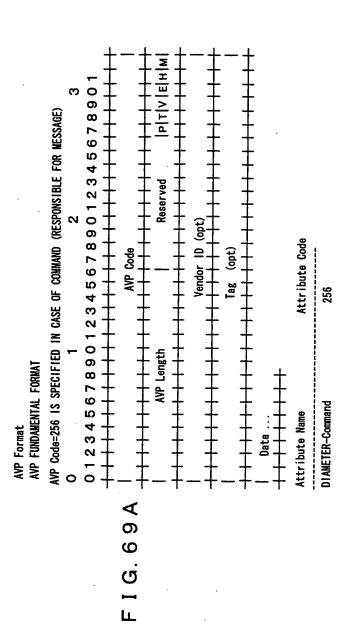
[DIAMETER MESSAGE]

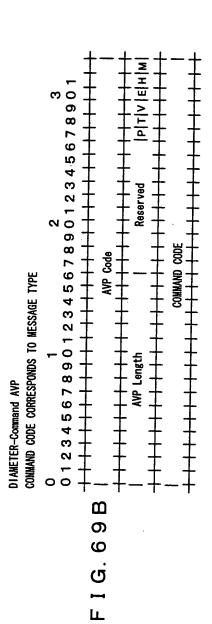
IP HEADER UDP HEADER DIAMETER HEADER	DIAMETER AVP GROUP
--------------------------------------	--------------------

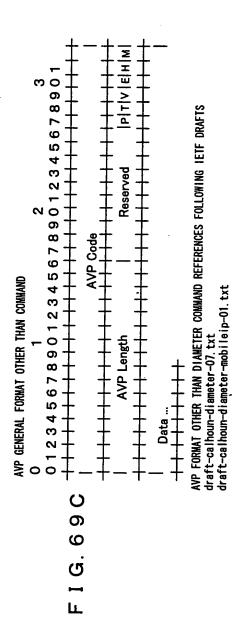
F I G. 67



F I G. 68







BETWEEN FOREIGN AGENT AND AAAH SERVER

< DIAMETER Header >
< AA-Mobile-Node-Request Command AVP >
< SESSION ID AVP >
< User-Name AVP >
< MIP-Registration-Request AVP >
< MN-FA-Challenge AVP >
< MN-FA-Response AVP >
< Mobile-Node-Address AVP >
< Home-Agent-Address AVP >
< Previous-FA-NAI AVP >
< MN-FA-SPI AVP >
< Timestamp AVP >
<pre>< Initialization-Vector AVP ></pre>
< Integrity-Check-Vector AVPN > OR < Digital-Signature AVP >

BETWEEN AAAH SERVER AND HOME AGENT

P
< DIAMETER Header >
< Home-Aagent-MIP-Request Command AVP >
< SESSION Id AVP >
< User-Name AVP >
< MIP-Registration-Request AVP >
< MN-HA-SPI AVP >
< HA-to-MN-Key AVP >
< MN-to-HA-Key AVP >
< FA-HA-SPI AVP >
< HA-to-FA-Key AVP >
< MN-FA-SPI AVP >
< MN-to-FA-Key AVP >
< Home-Agent-Address AVP >
< Mobile-Node-Address AVP >
< Session-Timeout AVP >
< Timestamp AVP >
< Initialization-Vector AVP >
<pre>< Integrity-Check-Vector AVP > OR < Digital-Signature AVP ></pre>

BETWEEN FOREIGN AGENT AND AAAH SERVER

< DIAMETER Header >
< AA-Mobile~Node-Answer Command AVP >
< SESSION Id AVP >
< Result-Code AVP >
[< Error-Code AVP >]
<pre>< MIP-Registration-Reply AVP ></pre>
< MN-FA-SPI AVP >
< FA-to-MN-Key AVP >
< FA-HA-SPI AVP >
< FA-to-HA-Key AVP >
< Home-Agent-Address AVP >
< Mobile-Node-Address AVP >
< Session-Timeout AVP >
< Timestamp AVP >
<pre>< Initialization-Vector AVP ></pre>
<pre>{< Integrity-Check-Vector AVP > OR < Digital-Signature AVP >}</pre>

BETWEEN AAAH SERVER AND HOME AGENT

< DIAMETER Header >
< Home-Agent-MIP-Answer Command AVP >
< SESSION Id AVP >
< Result-Code AVP >
[< Error-Code AVP >]
< MIP-Registration-Reply AVP >
< Mobile-Node-Address AVP >
< Home-Agent-Address AVP >
< Timestamp AVP >
<pre>< Initialization-Vector AVP ></pre>
<pre>{< Integrity-Check-Vector AVP > OR < Digital-Signature AVP >}</pre>